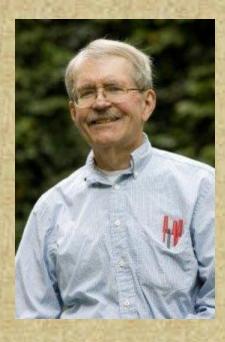
John H. MacMillan Ph.D. Chemspider Synthesis Papers



Below are listed in chronological order my list of chemistry syntheses published by Chemspider. Download freely any material of interest.

1. John H. MacMillan "Oxidative dehydration of aryl substituted succinic acids with selenium dioxide; 4-Bromophenyl maleic anhydride".

DOI: http://dx.doi.org/10.1039/SP525

Chemspider, January 5, 2012

PDF

2. John H. MacMillan "Nitrogen insertion reaction of trimethylsilyl azide with aryl substituted maleic anhydrides, yielding aryl substituted 1,3(3H) oxazine-2,6-diones; 4-(4-bromophenyl)-1,3(3H) oxazine-2,6-dione".

DOI: http://dx.doi.org/10.1039/SP526

Chemspider January 16, 2012

PDF

3. John H. MacMillan "Oxazine-2,6-dione N-methylation with dimethyl sulfate; N-Methyl-4-(4-methylphenyl)-1,3(3H)-oxazine-2,6-dione".

DOI: http://dx.doi.org/10.1039/SP529

Chemspider January 16, 2012

PDF

4. John H. MacMillan "Addition of propargyl Grignard to aldehyde; 1-Phenyl-3-butyne-1-ol".

DOI: http://dx.doi.org/10.1039/SP537

Chemspider February 17, 2012

PDF

5. John H. MacMillan "Addition of Allyl Magnesium Chloride to Propynal, 5-Hexen-1-yn-3-ol".

DOI: http://dx.doi.org/10.1039/SP579

PDF

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Chemspider December 20, 2012

6. John H. MacMillan "Allyl Grignard addition to the internal alkyne carbon of propargyl alcohol; 2-Methylene-4-penten-1-ol"

DOI: http://dx.doi.org/10.1039/SP596

Chemspider June 7, 2013

PDF

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PDF (Ccl.net)

7. John Harry MacMillan

Chemspider structure depositions, 2013-2014.

PDF (Ccl.net)

8. John H. MacMillan and Alfred Viola

"Mild Esterification with Diazomethane, Methyl-2E,4E-hexadienoate"

Chemspider November 13, 2013

DOI: 10.1039/SP701

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9. John H. MacMillan

"Nitrogen insertion reaction of maleic anhydrides; 2-H-1,3-oxazine-2,6(3H)dione"

Chemspider, December 5, 2013

DOI 10.1039/SP707

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10. John H. MacMillan

"Reduction of a benzonitrile; 1-[4-trans-4-Pentylcyclohexyl)phenyl]methanamine"

DOI: 10.1039/SP708

Chemspider, December 17, 2013

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11. John H. MacMillan

"Partial hydrolysis of a benzonitrile 4-(trans-4-Pentylcyclohexyl)benzamide"

DOI: 10.1039/SP710

Chemspider, January 6, 2014

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